Canadian Journal of Remote Sensing

Journal canadien de télédétection

INDEX TO VOLUME 17, 1991

Published by / Publié par
CANADIAN AERONAUTICS AND SPACE INSTITUTE/INSTITUT AÉRONAUTIQUE ET SPATIAL CANADIEN
130 Slater Street, Suite 818
OTTAWA, CANADA K1P 6E2

Canadian Journal of Remote Sensing

Index to Volume 17
1991

Number 1 — January . . . . . pp. 1–68
Number 2 — April . . . . . pp. 69–216
Number 3 — July . . . . . pp. 217–290
Number 4 — October . . . . . pp. 291–362

A

A Decision-Tree Approach to Mineral Potential Mapping in Snow Lake Area, Manitoba: R.K.T. Reddy, G.F. Bonham-Carter (No.2, April) 191

A Remote Sensing Based Investigation of Geobotanical Relationships Associated with Ultramafic Rocks in the Bedivere Lake Region, NW Ontario: S.E. Harrington, E.L. McLellan, H.G. Siegrist (No. 2, April) 72

An Airborne Radar Program for Geologists (No. 2, April) 201

Analysis of NOAA-9 Vegetation Index and Temperature Time Series of Wheat Fields in Western Canada: A. Touré, A.R. Condal, R.J. Brown (No. 1, January) 23

Application of Airborne C-SAR and SPOT Image Data to the Geological Setting of the Nahanni Earthquake Area: W.M. Moon, J.S. Won, B. Li, V.R. Slaney, M. Lamontagne (No. 3, July) 272

Applying the Mimics Backscattering Model in an Agricultural Context: A. Touré, K.P.B. Thomson, G. Edwards, R.J. Brown, B. Brisco (No. 4, October) 339

Arai, Kohei: Multi-Temporal Texture Analysis in TM Classification (No. 3, July) 263

B

Bélanger, J.R.: Remote Sensing of Geochemical Anomalies Related to Ultrabasic Rocks and Gold and Uranium Mineralization (No. 2, April) 112

Bell, Robin, V.H. Singhroy, C.S. Evans, S.E. Harrington: Investigating Subtle Lithologic Information in Forested Regions of Northwestern Ontario Using Field and Remote Sensing Approaches (No. 2, April) . . . 85

Blodgett, C.F., S.E. Franklin, S. Mah, C. Wrightson: Sensitivity of CASI Data to Anisotropic Reflectance, Terrain Aspect, and Deciduous Forest Species (No. 4, October) . . . 314

Bonham-Carter, G.F., R.K.T. Reddy: A Decision-Tree Approach to Mineral Potential Mapping in Snow Lake Area, Manitoba (No. 2, April) . . . 191

Brisco, B., A. Touré, K.P.B. Thomson, G. Edwards, R.J. Brown: Applying the Mimics Backscattering Model in an Agricultural Context (No. 4, October) . . . 339

Brochu, R., A. Coulombe, L. Charbonneau, D. Morin : L'apport de l'analyse textural dans la définition de l'utilisation du sol en milieu urbain (No. 1, January) . . . 46

Brown, R.J., A. Touré, A.R. Condal: Analysis of NOAA-9 Vegetation Index and Temperature Time Series of Wheat Fields in Western Canada (No. 1, January) . . . 23

Brown, R.J., A. Touré, K.P.B. Thomson, G. Edwards, B. Brisco: Applying the Mimics Backscattering Model in an Agricultural Context (No. 4, October) . . . 339

Bulletin de la Societé canadienne de télédétection
(Numéro 1, janvier) . . . 63
(Numéro 2, avril) . . . 208
(Numéro 3, juillet) . . . 286
(Numéro 4, octobre) . . . 352

C

Canadian Remote Sensing Society News
(Number 1, January) . . . 63
(Number 2, April) . . . 208
(Number 3, July) . . . 286
(Number 4, October) . . . 352

Capabilities of GPS for Airborne Remote Sensing: G. Lachapelle (No. 4, October) . . . 305

Charbonneau, L., A. Coulombe, R. Brochu, D. Morin : L'apport de l'analyse textural dans la définition de l'utilisation du sol en milieu urbain (No. 1, January) . . . 46

Cihlar, J., M.A. D'Iorio, C.R. Morasse: Effect of the Calibration of AVHRR Data on the Normalized Difference Vegetation Index and Compositing (No. 3, July) . . . 251

Classifying and Evaluating a Shelter Forest Site in a Coastal Area Using Remote Sensing Techniques: R. Pu, J.R. Miller (No. 4, October) . . . 323

Condal, A.R., A. Touré, R.J. Brown: Analysis of NOAA-9 Vegetation Index and Temperature Time Series of Wheat Fields in Western Canada (No. 1, January) . . . 23

Coopération Canada-Mali : télédétection et agriculture sur les berges du Niger : K.P.B. Thomson, A. Jaton, S. Samaké (No. 1, January) . . . 28

Correlated Photolineament and Geoscience Data on Eight Petroleum and Potash Study Projects in Southern Saskatchewan: L.A. Penner, J.D. Mollard (No. 2, April) . . . 174

Coulombe A., L. Charbonneau, R. Brochu, D. Morin : L'apport de l'analyse textural dans la définition de l'utilisation du sol en milieu urbain (No. 1, January) . . . 46

D

Deslandes, S., Q.H.J. Gwyn : Évaluation de SPOT et SEASAT pour la cartographie des linéaments : comparaison basée sur l'analyse de spectres de fourier (No. 2, April) . . . 98

Digital Integration of Remote Sensing and Geoscience Data for the Goudreau-Lochalsh Area, Wawa, Ontario: R. Mussakowski, N.F. Trowell, K.B. Heather (No. 2, April) . . . 162

D'Iorio, M.A., J. Cihlar, C.R. Morasse: Effect of the Calibration of AVHRR Data on the Normalized Difference Vegetation Index and Compositing (No. 3, July) . . . 251

E

Edwards, G., A. Touré, K.P.B. Thomson, R.J. Brown, B. Brisco: Applying the Mimics Backscattering Model in an Agricultural Context (No. 4, October) . . . 339

Effect of the Calibration of AVHRR Data on the Normalized Difference Vegetation Index and Compositing: M.A. D'Iorio, J. Cihlar, C.R. Morasse (No. 3, July) . . . 251

Epp, D., S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Miller, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) . . . 280

Évaluation de SPOT et SEASAT pour la cartographie des linéaments : comparaison basée sur l'analyse de spectres de fourier : S. Deslandes, Q.H.J. Gwyn (No. 2, April) . . . 98

Evaluation of the Potential of RADARSAT for Flood Mapping Using Simulated Satellite SAR Imagery: R. Leconte, T.J. Pultz (No. 3, July) . . . 241

Evans, Carla S., R. Bell, V.H. Singhroy, S.E. Harrington: Investigating Subtle Lithologic Information in Forested Regions of Northwestern Ontario Using Field and Remote Sensing Approaches (No. 2, April) . . . 85

F

Forward/Préface : Dr. V.H. Singhroy (No. 2, April) . . . 71

Franklin, S.E., B.A. Wilson: Vegetation Mapping and Change Detection Using Spot HRV and Landsat Imagery in Kluane National Park (No. 1, January) . . . 2

Franklin, S.E., C.F. Blodgett, S. Mah, C. Wrightson: Sensitivity of CASI Data to Anisotropic Reflectance, Terrain Aspect, and Deciduous Forest Species (No. 4, October) . . . 314

Franklin, Steven E.: Preface/Préface (No. 4, October) . . . 292

Franklin, Steven E.: Satellite Remote Sensing of Mountain Geomorphic Surfaces (No. 3, July) . . . 218

G

Gagnon, Paul-André, T. Toutin, J.-P. Lemieux : Technical Note/Remarque Technique : Le traitment stéréoscopique des données SPOT avec un vidéo restituteur numérique (No. 4, October) . . . 350

Garneau, Claude, M. Rheault, R. Simard, V.R. Slaney: SAR Landsat TM-Geophysical Data Integration Utility of Value-Added Products in Geological Exploration (No. 2, April) . . . 185

Graham, D., K.S. Misra, V.R. Slaney, J. Harris: Mapping of Basement and Other Tectonic Features Using SEASAT and Thematic Mapper in Hydrocarbon-Producing Areas of the Western Sedimentary Basin of Canada (No. 2, April) . . . 137

Gwyn, Q.H.J., S. Deslandes : Évaluation de SPOT et SEASAT pour la cartographie des linéaments : comparaison basée sur l'analyse de spectres de fourier (No. 2, April) . . . 98

H

Hamilton, N., S. Parashar, H.H. Zwick, D. Thompson, R. Inkster, D. Epp, D. Miller, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) . . . 280

Harrington, Susan E., R. Bell, V.H. Singhroy, C.S. Evans: Investigating Subtle Lithologic Information in Forested Regions of Northwestern Ontario Using Field and Remote Sensing Approaches (No. 2, April) . . . 85

Harrington, Susan E., E.L. McLellan, H.G. Siegrist: A Remote Sensing Based Investigation of Geobotanical Relationships Associated with Ultramafic Rocks in the Bedivere Lake Region, NW Ontario (No. 2, April) . . . 72

Harris, J., K.S. Misra, V.R. Slaney, D. Graham: Mapping of Basement and Other Tectonic Features Using SEASAT and Thematic Mapper in Hydrocarbon-Producing Areas of the Western Sedimentary Basin of Canada (No. 2, April) . . . 137

Harris, J.R.: Mapping of Regional Structure of Eastern Nova Scotia Using Remotely Sensed Imagery: Implications for Regional Tectonics and Gold Exploration (No. 2, April) . . . 122

Heather, K.B., R. Mussakowski, N.F. Trowell: Digital Integration of Remote Sensing and Geoscience Data for the Goudreau-Lochalsh Area, Wawa, Ontario (No. 2, April) . . . 162

Hélie, R.G., G.M. Wickware, W.M. Strome: Quantitative Assessment of Surface Water Resources in Quebec and the Kejimkujik Calibrated Watershed in Nova Scotia: A Remote Sensing Approach (No. 1, January) . . . 63

Howarth, Philip J., J. Wang: Structural Measures for Linear Feature Pattern Recognition from Satellite Imagery (No. 4, October) . 294

I

Inkster, R., S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, D. Epp, D. Miller, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) 280

Investigating Subtle Lithologic Information in Forested Regions of Northwestern Ontario Using Field and Remote Sensing Approaches: R. Bell, V.H. Singhroy, C.S. Evans, S.E. Harrington (No. 2, April) 85

J

Jaton, Annick, K.P.B. Thomson, S. Samaké : Coopération Canada-Mali : télédétection et agriculture sur les berges du Niger (No. 1, January) 28

L

Lachapelle, Gérard: Capabilities of GPS for Airborne Remote Sensing (No. 4, October) 305

Lamontagne, Maurice, W.M. Moon, J.S. Won, B. Li, V.R. Slaney: Application of Airborne C-SAR and SPOT Image Data to the Geological Setting of the Nahanni Earthquake Area (No. 3, July) 272

L'apport de l'analyse textural dans la définition de l'utilisation du sol en milieu urbain : A. Coulombe, L. Charbonneau, R. Brochu, D. Morin (No. 1, January) 46

Leconte, Robert, T.J. Pultz: Evaluation of the Potential of RADARSAT for Flood Mapping Using Simulated Satellite SAR Imagery: (No. 3, July) 241

Lemieux, Jean-Pierre, T. Toutin, P.-A. Gagnon: Technical Note/Remarque Technique : Le traitment stéréoscopique des données SPOT avec un vidéo restituteur numérique (No. 4, October) . 350

Lemieux, Jean-Pierre, T. Toutin : Technical Note/Remarque Technique : Le système de rectification des images de télédétection (No. 4, October) 349

Li, B., W.M. Moon, J.S. Won, V.R. Slaney, M. Lamontagne: Application of Airborne C-SAR and SPOT Image Data to the Geological Setting of the Nahanni Earthquake Area (No. 3, July) 272

Lowman, Paul D. Jr.: Original Shape of the Sudbury Structure, Canada: A Study with Airborne Imaging Radar (No. 2, April) . 152

M

McLellan, Eileen L., S.E. Harrington, H.G. Siegrist: A Remote Sensing Based Investigation of Geobotanical Relationships Associated with Ultramafic Rocks in the Bedivere Lake Region, NW Ontario (No. 2, April) 72

Mah, S., S.E. Franklin, C.F. Blodgett, C. Wrightson: Sensitivity of CASI Data to Anisotropic Reflectance, Terrain Aspect, and Deciduous Forest Species (No. 4, October) 314

Mapping of Basement and Other Tectonic Features Using SEASAT and Thematic Mapper in Hydrocarbon-Producing Areas of the Western Sedimentary Basin of Canada: K.S. Misra, V.R. Slaney, D. Graham, J. Harris (No. 2, April) 137

Mapping of Regional Structure of Eastern Nova Scotia Using Remotely Sensed Imagery: Implications for Regional Tectonics and Gold Exploration: J.R. Harris (No. 2, April) 122

Miller, D., S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Epp, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) 280

Miller, J.R., R. Pu: Classifying and Evaluating a Shelter Forest Site in a Coastal Area Using Remote Sensing Techniques (No. 4, October) 323

Misra, K.S., V.R. Slaney, D. Graham, J. Harris: Mapping of Basement and Other Tectonic Features Using SEASAT and Thematic Mapper in Hydrocarbon-Producing Areas of the Western Sedimentary Basin of Canada (No. 2, April) 137

Mollard, J.D., L.A. Penner: Correlated Photolineament and Geoscience Data on Eight Petroleum and Potash Study Projects in Southern Saskatchewan (No. 2, April) 174

Moon, Wooil M., J.S. Won, B. Li, V.R. Slaney, M. Lamontagne: Application of Airborne C-SAR and SPOT Image Data to the Geological Setting of the Nahanni Earthquake Area (No. 3, July) 272

Morasse, C.R., M.A. D'Iorio, J. Cihlar: Effect of the Calibration of AVHRR Data on the Normalized Difference Vegetation Index and Compositing (No. 3, July) 251

Morin, D., A. Coulombe, L. Charbonneau, R. Brochu : L'apport de l'analyse textural dans la définition de l'utilisation du sol en milieu urbain (No. 1, January) 46

Multi-Temporal Texture Analysis in TM Classification: K. Arai (No. 3, July) 263

Mussakowski, R., N.F. Trowell, K.B. Heather: Digital Integration of Remote Sensing and Geoscience Data for the Goudreau-Lochalsh Area, Wawa, Ontario (No. 2, April) 162

O

Original Shape of the Sudbury Structure, Canada: A Study with Airborne Imaging Radar: P.D. Lowman, Jr. (No. 2, April) . . . 152

P

Parashar, S., H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Epp, D. Miller, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) 280

Penner, L.A., J.D. Mollard: Correlated Photolineament and Geoscience Data on Eight Petroleum and Potash Study Projects in Southern Saskatchewan (No. 2, April) 174

Préface/Forward : Dr. V.H. Singhroy (No. 2, April) 71

Preface/Préface : S.E. Franklin (No. 4, October) 292

Pu, Ruiliang, J.R. Miller: Classifying and Evaluating a Shelter Forest Site in a Coastal Area Using Remote Sensing Techniques (No. 4, October) 323

Pultz, Terry J., R. Leconte: Evaluation of the Potential of RADARSAT for Flood Mapping Using Simulated Satellite SAR Imagery (No. 3, July) 241

Q

Quality Assessment and Pre-Processing of Data Acquired with the Programmable Multispectral Imager: K. Staenz (No. 3, July) . 231

Quantitative Assessment of Surface Water Resources in Quebec and the Kejimkujik Calibrated Watershed in Nova Scotia: A Remote Sensing Approach: G.M. Wickware, R.G. Hélie, W.M. Strome (No. 1, January) 63

R

Reddy, R.K.T., G.F. Bonham-Carter: A Decision-Tree Approach to Mineral Potential Mapping in Snow Lake Area, Manitoba (No. 2, April) 191

Remarque Technique/Technical Note: Le système de rectification des images de télédétection : T. Toutin, J.-P. Lemieux (No. 4, October) 349

Remarque Technique/Technical Note: Le traitment stéréoscopique des données SPOT avec un vidéo restituteur numérique : T. Toutin, P.-A. Gagnon, J.-P. Lemieux (No. 4, October) 350

Remarque Technique/Technical Note: The "Earth Environment Space Initiative" — User Requirements: S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Epp, D. Miller, A. Stones, G. Tyc (No. 3, July) 280

Remote Sensing of Geochemical Anomalies Related to Ultrabasic Rocks and Gold and Uranium Mineralization: J.R. Bélanger (No. 2, April) 112

RESORS Bibliography on Remote Sensing and Canadian Geology (No. 2, April) 203

Rheault, Michel, R. Simard, C. Garneau, V.R. Slaney: SAR Landsat TM-Geophysical Data Integration Utility of Value-Added Products in Geological Exploration (No. 2, April) 185

S

Samaké, Soumaila, K.P.B. Thomson, A. Jaton : Coopération Canada-Mali : télédétection et agriculture sur les berges du Niger (No. 1, January) 28

Santer, R.P., P.M. Teillet: Terrain Elevation and Sensor Altitude Dependence in a Semi-Analytical Atmospheric Code (No. 1, January) . . . 36

SAR Landsat TM-Geophysical Data Integration Utility of Value-Added Products in Geological Exploration: M. Rheault, R. Simard, C. Garneau, V.R. Slaney (No. 2, April) . . . 185

Satellite Remote Sensing of Mountain Geomorphic Surfaces: S.E. Franklin (No. 3, July) . . . 218

Sauchyn, David J., Y. Xongchao: Structure and Application of URIFT: An Interface Between Image Analysis and Vector GIS (No. 4, October) . . . 332

Sensitivity of CASI Data to Anisotropic Reflectance, Terrain Aspect, and Deciduous Forest Species: S.E. Franklin, C.F. Blodgett, S. Mah, C. Wrightson (No. 4, October) . . . 314

Siegrist, H. Galt, S.E. Harrington, E.L. McLellan: A Remote Sensing Based Investigation of Geobotanical Relationships Associated with Ultramafic Rocks in the Bedivere Lake Region, NW Ontario (No. 2, April) . . . 72

Simard, Rejean, M. Rheault, C. Garneau, V.R. Slaney: SAR Landsat TM-Geophysical Data Integration Utility of Value-Added Products in Geological Exploration (No. 2, April) . . . 185

Singhroy, Vernon E., R. Bell, C.S. Evans, S.E. Harrington: Investigating Subtle Lithologic Information in Forested Regions of Northwestern Ontario Using Field and Remote Sensing Approaches (No. 2, April) . . . 85

Singhroy, Dr. V.H.: Forward/Préface (No. 2, April) . . . 71

Slaney, Vernon R., M. Rheault, R. Simard, C. Garneau: SAR Landsat TM-Geophysical Data Integration Utility of Value-Added Products in Geological Exploration (No. 2, April) . . . 185

Slaney, V.R., K.S. Misra, D. Graham, J. Harris: Mapping of Basement and Other Tectonic Features Using SEASAT and Thematic Mapper in Hydrocarbon-Producing Areas of the Western Sedimentary Basin of Canada (No. 2, April) . . . 137

Slaney, V. Roy, W.M. Moon, J.S. Won, B. Li, M. Lamontagne: Application of Airborne C-SAR and SPOT Image Data to the Geological Setting of the Nahanni Earthquake Area (No. 3, July) 272

Staenz, K.: Quality Assessment and Pre-Processing of Data Acquired with the Programmable Multispectral Imager (No. 3, July) . . 231

Stones, A., S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Epp, D. Miller, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) . . . 280

Strome, W.M., G.M. Wickware, R.G. Hélie: Quantitative Assessment of Surface Water Resources in Quebec and the Kejimkujik Calibrated Watershed in Nova Scotia: A Remote Sensing Approach (No. 1, January) . . . 63

Structural Measures for Linear Feature Pattern Recognition from Satellite Imagery: J. Wang, P.J. Howarth (No. 4, October) . . . 294

Structure and Application of URIFT: An Interface Between Image Analysis and Vector GIS: D.J. Sauchyn, Y. Xongchao (No. 4, October) . . . 332

T

Technical Note/Remarque Technique : Le système de rectification des images de télédétection : T. Toutin, J.-P. Lemieux (No. 4, October) 349

Technical Note/Remarque Technique : Le traitment stéréoscopique des données SPOT avec un vidéo restituteur numérique : T. Toutin, P.-A. Gagnon, J.-P. Lemieux (No. 4, October) . . . 350

Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements: S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Epp, D. Miller, A. Stones, G. Tyc (No. 3, July) . . . 280

Teillet, P.M., R.P. Santer: Terrain Elevation and Sensor Altitude Dependence in a Semi-Analytical Atmospheric Code (No. 1, January) . . . 36

Terrain Elevation and Sensor Altitude Dependence in a Semi-Analytical Atmospheric Code: P.M. Teillet, R.P. Santer (No. 1, January) . . . 36

Thompson, D., S. Parashar, H.H. Zwick, N. Hamilton, R. Inkster, D. Epp, D. Miller, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) . . . 280

Thomson, Keith P.B., A. Jaton, S. Samaké : Coopération Canada-Mali : télédétection et agriculture sur les berges du Niger (No. 1, January) . . . 28

Thompson, K.P.B., A. Touré, G. Edwards, R.J. Brown, B. Brisco: Applying the Mimics Backscattering Model in an Agricultural Context (No. 4, October) . . . 339

Touré, A., A.R. Condal, R.J. Brown: Analysis of NOAA-9 Vegetation Index and Temperature Time Series of Wheat Fields in Western Canada (No. 1, January) . . . 23

Touré, A., K.P.B. Thomson, G. Edwards, R.J. Brown, B. Brisco: Applying the Mimics Backscattering Model in an Agricultural Context (No. 4. October) . . . 339

Toutin, Thierry, J.-P. Lemieux : Technical Note/Remarque Technique : Le système de rectification des images de télédétection (No. 4, October) . . . 349

Toutin, Thierry, P.-A. Gagnon, J.-P. Lemieux : Technical Note/Remarque Technique : Le traitment stéréoscopique des données SPOT avec un vidéo restituteur numérique (No. 4, October) . 350

Trowell, N.F., R. Mussakowski, K.B. Heather: Digital Integration of Remote Sensing and Geoscience Data for the Goudreau-Lochalsh Area, Wawa, Ontario (No. 2, April) . . . 162

Tyc, G., S. Parashar, H.H. Zwick, N. Hamilton, D. Thompson, R. Inkster, D. Epp, D. Miller, A. Stones: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) . . . 280

V

Vegetation Mapping and Change Detection Using Spot HRV and Landsat Imagery in Kluane National Park: Steven E. Franklin, B.A. Wilson (No. 1, January) . . . 2

W

Wang, Jinfei, P.J. Howarth: Structural Measures for Linear Feature Pattern Recognition from Satellite Imagery (No. 4, October) . 294

Wickware, G.M., R.G. Hélie, W.M. Strome: Quantitative Assessment of Surface Water Resources in Quebec and the Kejimkujik Calibrated Watershed in Nova Scotia: A Remote Sensing Approach (No. 1, January) . . . 63

Wilson, Bradley A., S.E. Franklin: Vegetation Mapping and Change Detection Using Spot HRV and Landsat Imagery in Kluane National Park (No. 1, January) . . . 2

Won, J.S., W.M. Moon, B. Li, V.R. Slaney, M. Lamontagne: Application of Airborne C-SAR and SPOT Image Data to the Geological Setting of the Nahanni Earthquake Area (No. 3, July) . . . 272

Wrightson, C., S.E. Franklin, C.F. Blodgett, S. Mah: Sensitivity of CASI Data to Anisotropic Reflectance, Terrain Aspect, and Deciduous Forest Species (No. 4, October) . . . 314

X

Xongchao, Yong, D.J. Sauchyn: Structure and Application of URIFT: An Interface Between Image Analysis and Vector GIS (No. 4, October) . . . 332

Z

Zwick, H.H., S. Parashar, N. Hamilton, D. Thompson, R. Inkster, D. Epp, D. Miller, A. Stones, G. Tyc: Technical Note/Remarque Technique : The "Earth Environment Space Initiative" — User Requirements (No. 3, July) . . . 280